WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Hood Canal #1

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected 6 times from the growing area during the year using the systematic random sampling method.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified. An unnamed stream near station #38 is on the 303D list for fecal coliform.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: HOOD CANAL #1

Classification: Approved,Prohibited,Unclassified

From 11/06/2000 To 12/19/2005
FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
16	Approved	32	1.7 - 2.0	1.7	1.0	Yes
17	Approved	31	1.7 - 2.0	1.7	1.0	Yes
18	Approved	32	1.7 - 4.5	1.8	2.0	Yes
19	Approved	32	1.7 - 1.8	1.7	1.0	Yes
20	Approved	31	1.7 - 7.8	1.8	2.0	Yes
21	Approved	32	1.7 - 13.0	2.1	4.0	Yes
22	Approved	32	1.7 - 7.8	1.9	2.0	Yes
23	Approved	32	1.7 - 4.5	1.7	2.0	Yes
25	Approved	32	1.7 - 11.0	1.8	2.0	Yes
26	Approved	32	1.7 - 3.2	1.7	2.0	Yes
27	Approved	32	1.7 - 14.0	1.9	3.0	Yes
28	Approved	34	1.7 - 17.0	1.9	3.0	Yes
29	Approved	32	1.7 - 17.0	1.9	3.0	Yes
30	Approved	32	1.7 - 4.5	1.7	2.0	Yes
31	Approved	30	1.7 - 2.0	1.7	1.0	Yes
32	Approved	30	1.7 - 1.7	1.7	1.0	Yes
33	Approved	32	1.7 - 4.5	1.7	2.0	Yes
34	Approved	32	1.7 - 11.0	1.8	3.0	Yes
35	Approved	32	1.7 - 4.5	1.7	2.0	Yes
36	Approved	32	1.7 - 4.5	1.7	2.0	Yes
37	Approved	32	1.7 - 4.5	1.9	2.0	Yes
38	Approved	33	1.7 - 49.0	2.0	4.0	Yes
39	Approved	33	1.7 - 17.0	2.1	4.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

TABLE 1 (CONTINUED)

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **HOOD CANAL #1**

Classification: **Approved,Prohibited,Unclassified**

From **11/06/2000** To **12/19/2005**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
40	Approved	33	1.7 - 13.0	1.8	2.0	Yes
41	Approved	33	1.7 - 79.0	2.0	4.0	Yes
42	Approved	1	1.7 - 1.7	1.7	1.0	*N/A
43	Approved	31	1.7 - 4.0	1.7	2.0	Yes
44	Approved	32	1.7 - 2.0	1.7	1.0	Yes
45	Approved	32	1.7 - 4.5	1.7	2.0	Yes
46	Approved	31	1.7 - 4.5	1.7	2.0	Yes
47	Approved	31	1.7 - 2.0	1.7	1.0	Yes
48	Approved	31	1.7 - 23.0	2.0	4.0	Yes
49	Approved	31	1.7 - 14.0	1.9	3.0	Yes
50	Approved	31	1.7 - 4.5	1.8	2.0	Yes
52	Approved	31	1.7 - 2.0	1.7	1.0	Yes
53	Approved	31	1.7 - 17.0	1.9	3.0	Yes
54	Approved	31	1.7 - 2.0	1.7	1.0	Yes
24	Prohibited	32	1.7 - 17.0	1.9	3.0	Yes
51	Prohibited	31	1.7 - 2.0	1.7	1.0	Yes
288	Unclassified	29	1.7 - 4.5	1.8	2.0	*N/A
304	Unclassified	14	1.7 - 4.0	1.8	2.0	*N/A
305	Unclassified	14	1.7 - 2.0	1.7	1.0	*N/A
306	Unclassified	14	1.7 - 7.8	1.9	3.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

HOOD CANAL #1

47

46
APPROVED

43

52

53
APPROVED

44

16

45

17
APPROVED

18

21

20

19

APPROVED

22

23

54   288
APPROVED

PROHIBITED   24

41

APPROVED

25

40

39

38

305   37

36

304

26

28   27

APPROVED

29

30

35

34

33

APPROVED

306

APPROVED

31

32

51   **PROHIBITED**

50

49

APPROVED

48

PROHIBITED